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PTO/SB/21 (04-04)

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application Number	10/811,136
		Filing Date	March 26, 2004
		First Named Inventor	Alex J. Harvey
		Art Unit	1632
		Examiner Name	Not yet assigned
Total Number of Pages in This Submission	6	Attorney Docket Number	AVI-025CIP

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): 1. Form PTO/SB08 A & B 2. Return Postcard
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Kyle Yesland
Signature	
Date	March 14, 2005

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Signature		Date	March 14, 2005

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/811,136
Applicant : Rapp, et al
Filed : March 26, 2004
Title : Production of a Transgenic Avian
by Cytoplasmic Injection

TC/A.U. : 1632
Examiner : Not yet assigned

Docket No. : AVI-025CIP

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop: Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on or before:

Date March 14, 2005
Signature [Handwritten Signature]
Name Lyle Yesland

Honorable Commissioner for Patents
P.O. Box 1450
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Mail Stop: Amendment

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

Applicants hereby voluntarily disclose the items listed on the attached Form PTO/SB08 A & B to the Commissioner for Patents. In accordance with 37 C.F.R. §1.98(d), copies of the references can be found in Application No. 10/790,455, filed March 1, 2004 (Attorney Docket No. AVI-025).

Applicants further reserve the right to establish the patentability of the claimed invention over any of the listed information should they be applied as references, and/or to prove that some of the cited information may not be prior art, and/or to prove that some of the cited information may not be enabling for the teachings they purport to offer. This statement further should not be construed as a representation that an exhaustive search has been made, or that the information cited herewith is material, or that there does not exist information more material to the examination of

the present Application. The Examiner is requested to conduct an independent and thorough review of the information, and to form independent opinions as to their significance. The Examiner is specifically requested not to rely solely on the information submitted herein.

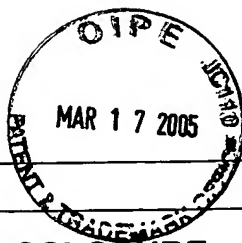
It is respectfully requested that the Examiner initial and return copies of the enclosed PTO-1449 and to indicate in the official file wrapper of the above-identified patent application that each item of the cited information has been considered.

Applicants believe that no fee is required. If any fee is required, the undersigned hereby authorizes charging Deposit Account No. 501729 for any such fee not submitted herewith.

Respectfully Submitted,

A handwritten signature in black ink, appearing to read 'Kyle Yesland', written in a cursive style.

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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/811,136
		Filing Date	March 26, 2004
		First Named Inventor	Rapp, Jeffrey C.
		Art Unit	1632
		Examiner Name	Not Yet Assigned
(Use as many sheets as necessary)		Attorney Docket Number	AVI-025CIP
Sheet	1	of	3

U.S. PATENT DOCUMENTS					
Examiner	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1.	6,025,155	02-15-00	Hadlaczky, et al.	
	2.	6,743,967	06-01-04	Hadlaczky, et al.	
	3.	6,077,697	06-20-00	Hadlaczky, et al.	
	4.	2003/0113917	06-19-03	De Jong, et al.	
	5.	2003/0003435	01-02-03	De Jong, et al.	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
	6.		WO 2002/097059		12-05-02			
	7.		WO 02/076508		10-03-02			

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²	
	8.	COLLAS, et al, Nuclear Localization Signal of SV40 T Antigen Directs Import of Plasmid DNA into Sea Urchin Male Pronuclei In Vitro, <i>Mol. Reprod. and Dvlp.</i> 45:431-438 (1996)		
	9.	COLLAS, et al, Nuclear Localization Signals: a driving force for nuclear transport of plasmid DNA in zebrafish, <i>Biochem. Cell Biol.</i> 75:633-640 (1997)		
	10.	COLLAS, et al, The nuclear localization sequence of the SV40 T antigen promotes transgene uptake and expression in zebrafish embryo nuclei, <i>Transgenic Research</i> 5, 451-458 (1996)		
	11.	BOULIKAS, Nuclear Localization Signals (NLS), <i>Critical Review in Eukaryotic Gene Expression</i> , 3(3):193-227 (1993)		
	12.	LORBACH, et al, Site-specific Recombination in Human Cells Catalyzed by Phage λ Integrase Mutants, <i>J. Mol. Biol.</i> , 296, 1175-1181 (2000)		

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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	13.	THORPE, et al, Control of directionality in the site-specific recombination system of the <i>Streptomyces</i> phage ϕ C31, <i>Molecular Microbiology</i> , 38(2), 232-241 (2000)	
	14.	SCLIMENTI, et al, Directed evolution of a recombinase for improved genomic integration at a native human sequence, <i>Nucleic Acids Research</i> , 29(24), 5044-5051 (2001)	
	15.	COATES, et al, Purified <i>mariner</i> (<i>Mos1</i>) transposase catalyzes the integration of marked elements into the germ-line of the yellow fever mosquito, <i>Aedes aegypti</i> , <i>Insect Biochem and Mol. Biology</i> , 30, 1003-1008 (2000)	
	16.	ESPOSITO, et al, The integrase family of tyrosine recombinases: evolution of a conserved active site domain, <i>Nucleic Acids Research</i> , 25;3605-3614 (1997)	
	17.	NUNES-DÜBY, Similarities and differences among 105 members of the Int family of site-specific recombinases, <i>Nucleic Acids Research</i> , 26; 391-406 (1998)	
	18.	COKOL, et al, Finding nuclear localization signals, <i>EMBO Reports</i> , 1(5):411-415 (2000)	
	19.	KUKOWSKA-LATTALLO, et al, Efficient transfer of genetic material into mammalian cells using starburst polyamidoamine dendrimers, <i>Proc. Natl. Acad. Sci. USA</i> 93:4897-4902 (1996)	
	20.	HARVEY, et al, Expression of exogenous protein in the egg white of transgenic chickens, <i>Nature Biotech.</i> , 20:396-399 (2002)	
	21.	CSONKA, et al, Novel generation of human satellite DNA-based artificial chromosomes in mammalian cells, <i>Journal of Cell Science</i> , 113:3207-3216 (2000)	
	22.	HADLACZKY, et al, Centromere formation in mouse cells cotransformed with human DNA and a dominant marker gene, <i>Proc. Natl. Acad. Sci. USA</i> , 88:8106-8110 (1991)	
	23.	HADLACZKY, et al, Satellite DNA-based artificial chromosomes for use in gene therapy, <i>Curr. Opin. Mol. Ther.</i> , Apr. 3(2):125-32 (2001)	
	24.	LIPPS, et al, Chromosome-based vectors for gene therapy, <i>Gene</i> , 304:23-33 (2003)	
	25.	PRAZNOVSZKY, et al, <i>De novo</i> chromosome formation in rodent cells, <i>Proc. Natl. Acad. Sci. USA</i> , 88:11042-11046 (1991)	

Examiner Signature		Date Considered	
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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		First Named Inventor	Rapp, Jeffrey C.
		Art Unit	1632
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		Attorney Docket Number	AVI-025CIP

		NON PATENT LITERATURE DOCUMENTS	
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	26.	STEWART, et al, Retrofitting of a satellite repeat DNA-based murine artificial chromosome (ACes) to contain loxP recombination sites, <i>Gene Therapy</i> , 9:719-723, (2002)	
	27.	TELENIUS, et al, Stability of a functional murine satellite DNA-based artificial chromosome across mammalian species, <i>Chromosome Research</i> , 7:3-7, (1999)	
	28.	VANDERBYL, et al, A Flow Cytometry Technique for Measuring Chromosome-Mediated Gene Transfer, <i>Cytometry</i> , 44:100-105 (2001)	
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	32.	MONTEITH, et al, Pronuclear Microinjection of Purified Artificial Chromosomes for Generation of Transgenic Mice, <i>Methods in Mol. Biol.</i> 240:227-242 (2004)	
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